SEQUENCE LISTING

<110> Newell, Martha Karen
      Wagner, David H.
      Newell, Evan

<120> Use of CD40 Engagement to Alter T Cell Receptor Usage

<130> I0277/7007/HCL/KA

<150> U.S. 60/114,106
<151> 1998-12-29

<160> 2

<170> FastSEQ for Windows Version 3.0

<210> 1
<211> 1816
<212> DNA
<213> Homo Sapiens

<400> 1

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acgatacaga gatgcaacac aggagaaaga tccttatcct tactgaactg tgaggagatt     300
aaaagccagt ttgaaggctt tgtgaaggat ataatgttaa acaaagagga gacgaagaaa     360
gaaaacagct ttgaaatgca aaaaggtgat cagaatcctc aaattgcggc acatgtcata     420
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agaaccgaaa cccccccccc cccccccgcc accctctcgg acagttattc attctctttc    1380
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acacacacac acacacacac agagtcaggc cgttgctagt cagttctctt ctttccaccc    1620
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cccactcctc attacgaaat gactgtattt aaaggaaatc tattgtatct acctgcagtc    1740
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<211> 261
<212> PRT
<213> Homo Sapiens

<400> 2

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Ile Thr Gln Met Ile Gly Ser Ala Leu Phe Ala Val Tyr Leu His Arg
        35              40              45
Arg Leu Asp Lys Ile Glu Asp Glu Arg Asn Leu His Glu Asp Phe Val
    50              55              60
Phe Met Lys Thr Ile Gln Arg Cys Asn Thr Gly Glu Arg Ser Leu Ser
65              70              75              80
Leu Leu Asn Cys Glu Glu Ile Lys Ser Gln Phe Glu Gly Phe Val Lys
            85              90              95
Asp Ile Met Leu Asn Lys Glu Glu Thr Lys Lys Glu Asn Ser Phe Glu
            100             105             110
Met Gln Lys Gly Asp Gln Asn Pro Gln Ile Ala Ala His Val Ile Ser
    115             120             125
Glu Ala Ser Ser Lys Thr Thr Ser Val Leu Gln Trp Ala Glu Lys Gly
    130             135             140
Tyr Tyr Thr Met Ser Asn Asn Leu Val Thr Leu Glu Asn Gly Lys Gln
145             150             155             160
Leu Thr Val Lys Arg Gln Gly Leu Tyr Tyr Ile Tyr Ala Gln Val Thr
            165             170             175
Phe Cys Ser Asn Arg Glu Ala Ser Ser Gln Ala Pro Phe Ile Ala Ser
            180             185             190
Leu Cys Leu Lys Ser Pro Gly Arg Phe Glu Arg Ile Leu Leu Arg Ala
    195             200             205
Ala Asn Thr His Ser Ser Ala Lys Pro Cys Gly Gln Gln Ser Ile His
    210             215             220
Leu Gly Gly Val Phe Glu Leu Gln Pro Gly Ala Ser Val Phe Val Asn
225             230             235             240
Val Thr Asp Pro Ser Gln Val Ser His Gly Thr Gly Phe Thr Ser Phe
            245             250             255
Gly Leu Leu Lys Leu
            260
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